



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Serial No	Status	Receive Date	Price/Unit	Aging Days	Past Due	T
PO038986	MES002-VC	1	1	Net 30	M/304B0.250x0.500	304 Bar .250 X .500 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft				300	2/14/2018	326		S04164	Stock	2/12/2018	\$ 4.25 / pcs	1		\$1.
Total:										300		326								

Plex 2/13/2018 8:12 AM Dart Dubois Pascal

Shipping Order

09/02/2018

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7
Tel.: 450 641-3330

Order : 132578
Reference : 38986
Ship : PICK UP / PICK UP

Customer: 6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Delivered	B/O Qty
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
SF14124HR	304 STAIN FLA .25" X 500" HR 2 X 12.75' 15 X 13.08' 2 X 13.33' 6 X 13' HT.67736108	326.36	326.36	Ø
MR5841H	4140 ROND .625" H.T 1 X 96" ***** HT,	8	Ø	8
MR7841H	4140 HT ROU .875" DIA 1 X 20' R/L ***** HT,	20	Ø	20
MSQ141CD	4140 SQU 1.000 CD 1 X 72" HT,	6	Ø	6
MP11441H	4140 HTSR PLATE 1.250" THICK 10 X 6" X 12" HT, SHIP JOURNEY COLLECT JP	280	Ø	280

Shipping : _____
Package No : _____

Ref. : _____

Merchandise Received: _____

Shipping Order

09/02/2018

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7
Tel.: 450 641-3330

Order : 132578
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Item No.	Description	Qty	Qty. Delivered	B/O Qty
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
SF14124HR	304 STAIN FLA .25" X .500" HR 2 X 12.75' 15 X 13.08' 2 X 13.33' 6 X 13' HT;67736108	326.36	326.36	0
MR5841H	4140 ROND .625" H.T 1 X 96" ***** HT;	8	0	0
MR7841H	4140 HT ROU .875" DIA 1 X 20' R/L ***** HT;	20	0	20
MSQ141CD	4140 SQU 1.000 CD 1 X 72" HT;	6	0	6
MP11441H	4140 HTSR PLATE 1.250" THICK 10 X 6" X 12" HT;	280	0	280
	SHIP JOURNEY COLLECT JP			

Pat Maw
02-09-18
1 BUDGET

Shipping : _____
Package No : _____
Merchandise Received: _____

Ref. : _____



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO038986

Supplier: MES002-VC
Metaux Solutions
2625 boul Jacques-Cartier Est
Longueuil
QC
J4N 1L7 Canada
Phone: 800 558 8858
Fax: 514 633 8044

PO No: PO038986

PO Date: 2/8/18

Due Date: 2/20/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lacelle, Linda
Phone: llacelle@dartaero.com

E-MAILED

FEB 08 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M304B0.250x0.500		304 Bar .250 X .500 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	2/20/18	300 pcs	0 pcs	300 pcs	\$4.25/pcs	\$1,275.00
2	M4140NR0.625		4140 Steel Round Bar 0.625" receive ft	Firmed	2/20/18	8 ft	0 ft	8 ft	\$5.70/ft	\$45.60
3	M4140NR0.875		4140 Steel Round Bar 0.875" receive ft	Firmed	2/20/18	20 ft	0 ft	20 ft	\$4.70/ft	\$94.00
4	M4140CDB1.000x1.000		4140 Steel Bar 1.000 X 1.000 receive ft	Firmed	2/20/18	6 ft	0 ft	6 ft	\$27.00/ft	\$162.00
5	MT-4140-B- 1.250X6.000		AISI 4140 Round Bar : Material: AISI 4140 STEEL BAR AS PER ASTM A29, AMS 6349, AMS 6382, AMS 6529, MIL-S-5626 MIN. ROCKWELL C = 28 RC MAX. ROCKWELL C = 32 RC NOTE: cut material in 12" length x 10 pcs	Firmed	2/20/18	10 ft	0 ft	10 ft	\$68.60/ft	\$686.00

Grand Total: \$2,262.60

Order Notes

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B0.250X0.500

PC BATCH NO: 038986504649

DATE: FEB 13 2018

MATERIAL CERT REQD: Yes
 QUANTITY RECEIVED: 326'
 QUANTITY INSPECTED: 326'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.250
 THICKNESS RECEIVED: 0.250
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y	<input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	<input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y	<input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	<input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	<input type="radio"/> N	<u>Astm A276</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y	<input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y	<input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	<input type="radio"/> N	<u>Heat # 67736108</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	<input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	<input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input type="radio"/> Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input type="radio"/> Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.
 RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR E	WEL
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if req)

INSPECTED BY: DAS
11
 DATE: 9-89 FEB 13 2018

SIGNED OFF BY: _____
 DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in.

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
(NOTE: AISI 303 NOT ACCEPTABLE)

△ SPECIFICATION: ASTM A276 OR ASTM A240
PART NUMBER: M304B | TTT | WWW | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
AND "WWW.WWW" = WIDTH IN INCHES

△ EG. 0.5" X 3.0" BAR = M304B0.500X03.000
EG. 0.5" X 12.0" PLATE = M304B0.500X12.000

RELEASED
2010-11-30

C	ADDED PLATE TO PURCHASE MATERIAL, ADDED PLATE REVISED SPECIFICATIONS, AND EG: CHANGED TITLE FROM 304/316 BAR TO 304/316 BAR/PLATE	MB	10.11.25
B	REFORMAT DWG. ADD SPECS (ZN D6-1).	CP	09.07.15
A	NEW ISSUE	PH	05.06.10
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.11.25		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M304B			
TITLE 304/316 BAR/PLATE			
SCALE NTS			
REV. C SHEET 1 OF 1			
COPYRIGHT © 2005 BY DART AEROSPACE LTD THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.			

BOLLINGHAUS STEEL Bollinghaus Steel, SA DIN EN ISO 9001:2008 TÜV CERT No. 01 100 030458		EN 10204:2004 / 3.1 Unsere Innen- Verweisung / Our Int. Ref / ref int		No.: / Nr.: / №.: 0000136628											
		5800038278 000010		Datum / Date / Data 18.12.2017											
Spzifikation / Standards / Normas TYPE 304L/UNS S30400 and TYPE 304L/UNS S30403 acc. to ASTM A276/A276M-16a, ASTM A182/A182M-16a, ASTM A163/A163M-16, ASTM A479/A479M-16a, ASTM A320/A320M-16a, ASTM A314-15, ASTM A262-15 Pract. E, AMS QQ-S-763D, AMS 5630J, AMS 5947K, ASME SA479/SA479M, ASME SA276, ASME SA182/182M, ASME SA 193/SA193M, ASME SA320/SA320M, NACE MR0175-2015, execution as per ASTM A484/A484M-16.															
Kunde / Customer / Cliente -----			Endgültiger Kunde / Final Customer / Cliente Final -----												
Bestell Nr./Order Nr./Enc.Nr. c110766			Bestell Nr./Order Nr./Enc.Nr. c110766.1												
Produktgruppe / Product Group / Grupo Produto AISI 304/L FLAT 1/4 X 1/2"		Gewicht / Weight / Peso 1.059 lb		Bunde / Bundle / Atados 01											
Werkstoff-Nr. Material-no. Qualidade 1.4307		Werkstoff-Normbezeichnung / Material standard grade / Norma do material X 2 CrNi 18-9													
Beschreibung / Description / Descrição Stainless steel flat bars hot rolled, heat treated, straightened and pickled US DFAR 252.225-7009. MELT SOURCE: France / MFG: Portugal.															
Schmelznr. Castnr. / Fundnr. 67736108		Chemische Analyse in % / Chemical composition in % / Análise química em %													
EAF-AOD		C	0.018	Si	0.525	Mn	1.164	P	0.029	S	0.025	Cr	18.127	Ni	8.045
Mo		0.376	Co	0.117	Cu	0.406	N	0.080	Ti	0.002					
Proben Nr. Test no. Amostra no.		ASTM E399 Kernschlagball Impact Test Resiliência (Charpy V)		ASTM A370 Streckgrenze Yield point Tensão limite (Rp 0.2 %)		Dehngrenze 1% point Limite de extensão (Rp 1.0%)		Zugfestigkeit Tensile strength Tensão de rotura (Rm)		Dehnung Elongation Alongamento (A5)		Einweichung Reduction of area Coef. Estrichço (Z)			
4036951.01.01		[J]		[Ks]		[Ksi]		[Ksi]		[%]		[%]			
-		-		48		67		93		53.9		56.4			
-		-		-		-		-		-		70.1			
Visuelle Kontrolle Visual inspection Inspeção visual		<input checked="" type="checkbox"/> OK		ASTM E10 Härte Hardness Dureza [HB]		195		ASTM A262 Practice E Korrosionsbeständigkeit IC Test Corrosão Intermetálica		<input checked="" type="checkbox"/> OK		Wärmebehandlung Heat treatment Tratamento térmico Annealed Quenched 1900 °F (1050 °C) (water quenched)			
ASTM A484 Maßkontrolle Dimensional inspection Inspeção dimensional		<input checked="" type="checkbox"/> OK		ASTM E112 Korngröße Grain size Tamanho de grão		9		Authorized inspection Representative Inspecteur de Qualidade 306		Vasco Ferreira (S - VF)		-			
Verwechslungsprüfung Test of identity Teste de identificação		<input checked="" type="checkbox"/> OK		Makrographische Untersuchung Macrographic test Material free from segregation defects		<input checked="" type="checkbox"/> OK		-		-		-			
Bemerkungen / Remarks / Observações Country of origin: Portugal. No weld repair done. Material is free of mercury and radiation contamination.						Bollinghaus Steel, SA Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht. We confirm that this material meets the specification according to the mentioned standards. Confirmamos que este material respeita as especificações de acordo com as normas referidas.									

Dr. J. J. J.